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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of

NISHIDA ET AL.

Serial No. 10/575,872

Filed: April 14, 2006

Atty. Ref.: 159-101

Group: Unknown

Examiner: Unknown

For: REGENERATIVE MEDICAL TREATMENT SYSTEM

\* \* \* \* \*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 16, 2007

Sir:

**INFORMATION DISCLOSURE STATEMENT**

- ☒ 1. **PTO-1449 Pursuant to 37 CFR 1.97(b)**  
[within 3 months of filing or prior to 1st Office Action on the merits]  
N/C
- ☐ 2.(a) **Statement Pursuant to 37 CFR 1.97(c)**  
[before Final Office Action or Allowance (requires Rule 97(e)  
Statement or Rule 17(p) fee)]  
N/C
- ☐ 2.(b) **Fee Payment Pursuant to 37 CFR 1.97(c)**  
[before Final Office Action or Allowance (requires Rule 97(e)  
Statement or Rule 17(p) fee)]  
\$180.00
- ☐ 3. **Pursuant to 37 CFR 1.97(d)**  
[after Final Office Action or Allowance (requires Rule 97(e)  
Statement and Rule 17(p) fee), but before final fee payment]  
\$180.00

The following are submitted in the above-identified application in compliance with  
37 C.F.R. §§ 1.97 and 1.98:

- ☒ 4. A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document (such as a Search Report) is enclosed herewith.

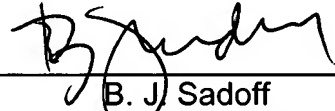
This paper is submitted in accordance with:

- ☒ 5. 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
- ☐ 6. 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
- ☐ a) The required Statement made in item 8 below; or
- ☐ b) The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below.
- ☐ 7. 37 CFR §1.97(d): [after Final Office Action or Allowance (requires Rule 97(e) Statement and Rule 17(p) fee), but before final fee payment]; and
- ☐ a) The fee (\$180.00) required by 37 CFR §1.17(p) is submitted herewith; and
- ☐ b) The required Statement is stated in item 8 below.
- ☐ 8. Statement under 37 CFR 1.97(e)
- ☐ a) The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement (each item contained in this IDS was the first citation of that item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to the filing of this IDS); or
- ☐ b) No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

- ☒ 9. Please charge all deficiency fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.

Respectfully submitted,  
NIXON & VANDERHYE P.C.

By: \_\_\_\_\_



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**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

159-101

APPLICANT

NISHIDA ET AL.

FILING DATE

April 14, 2006

SERIAL NO.

10/575,872

(Use several sheets if necessary)

GROUP

Unknown

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0152558	08/2003	Luft et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WO 03/080801	10/2003	WIPO			

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	Supplementary Partial European Search Report dated June 15, 2007, issued in connection with EP 04 79 2726.4
	Cheng et al, "Human Adult Marrow Cells Support Prolonged Expansion of Human Embryonic Stem Cells in Culture", Stem Cells, 2003; 21:131-142
	Aoki et al, "Coculture of Endothelial Cells and Mature Adipocytes Actively Promotes Immature Preadipocyte Development <i>In Vitro</i> ", Cell Structure and Function, 2003; 28:55-60
	Richards et al, "Comparative Evaluation of Various Human Feeders for Prolonged Undifferentiated Growth of Human Embryonic Stem Cells", Stem Cells, 2003; 21:546-556
	Papini et al, "Isolation and Clonal Analysis of Human Epidermal Keratinocyte Stem Cells in Long-Term Culture", Stem Cells, 2003; 21:481-494
	Hovatta et al, "A Culture System Using Human Foreskin Fibroblasts as Feeder Cells Allows Production of Human Embryonic Stem Cells", Human Reproduction, 2003, Vol. 18, No. 7, pp 1404-1409
	Amit et al, "Human Feeder Layers for Human Embryonic Stem Cells", Biology of Reproduction, 2003; 68, 2150-2156
	Mizuno et al, "Mesengenic Potential and Future Clinical Perspective of Human Processed Lipoaspirate Cells", J Nippon Med Sch, 2003; 70(4) 300-306
	Database Medline, U.S. National Library of Medicine (NLM), Bethesda, MD, US; July 2003, Ramaesh et al: "Ex vivo expansion of corneal limbal epithelial/stem cells for corneal surface reconstruction" XP002436323, Database Accession No. NLM12948308

*Examiner	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)